

ABSTRACT OF THE DISCLOSURE

A control system for controlling the movement of a pool cover comprised of interconnected rigid buoyant slats and which uses a driven cable through a remotely powered source as a primary drive mechanism. The swimming pool cover is typically mounted on a drum and often in a submerged condition. In order to overcome the buoyant forces, the drive and control means must provide a braking action to the pool cover which would tend to unwind from a drum as a result of buoyant forces. The drive mechanism employs a cable drive which will wind a cable upon a cable reel or drum mounted in a remote location with respect to the cover drum. Cable could be trained from the cover drum to this cable drum in order to power same for rotation in at least a wind-up direction and could be used for controlling a braking action in the unwinding direction.